

April 14, 2005

MEMORANDUM TO: Thomas A. Bergman, Acting Chief  
Materials Engineering Branch  
Office of Nuclear Regulatory Research

FROM: Makuteswara Srinivasan, Project Manager */RA/*  
Materials Engineering Branch  
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF MEETING BETWEEN THE NUCLEAR REGULATORY  
COMMISSION (NRC) STAFF, PACIFIC NORTHWEST NATIONAL  
LABORATORY STAFF, AND INDUSTRY REPRESENTATIVES ON CRACK  
GROWTH RATES OF NICKEL-BASE ALLOYS

DATE AND TIME: May 3, 2005; 8:30 a.m. - 3:00 p.m.

LOCATION: Conference Room 1077, Environmental Molecular Sciences Laboratory  
Pacific Northwest National Laboratory  
3335 "Q" Avenue  
Richland, WA 99352

PURPOSE: This is a "kick-off" meeting for a new research program to determine stress-  
corrosion crack growth rates in primary-water environments for nickel-base  
alloys used in reactor components.

PARTICIPANTS: NRC  
M. Srinivasan, RES/DET/MEB  
W. Cullen, RES/DET/MEB  
A. Lee, RES/DET/MEB  
E. Sullivan, NRR/DE/EMCB

Pacific Northwest National Laboratory  
S. Bruemmer, Materials Structure & Performance Section  
M. Tolockzo, Materials Structure & Performance Section

Industry  
J. Hickling, EPRI  
Al Aluwahlia, EPRI

CATEGORY: This is a category 2 meeting. The public is invited to participate in this meeting  
by discussing regulatory issues with the NRC at a designated point identified  
on the agenda.

Attachment: Agenda

cc: See list

\*Meetings between NRC technical staff and applicants or licensees are open for interested members of the public, petitioners, interveners, or other parties to attend pursuant to the Commission Policy Statement on "Staff Meetings Open to the Public: Final Policy Statement," 67 *Federal Register* 36920, May 28, 2002. Members of the public who wish to attend should contact M. Srinivasan at (301) 415-6356 or [mxs5@nrc.gov](mailto:mxs5@nrc.gov) for information on security control at Pacific Northwest National Laboratory. Contact Beverly Wardlow, [bev.wardlow@pnl.gov](mailto:bev.wardlow@pnl.gov), 509-376-3701 for directions, or other information about PNNL.

DISTRIBUTION: Crack Growth Rates of Nickel-Base Alloys Meeting - 05 - 03 - 2005

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C. Paperiello, RES  
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R. Bennett, RES/DET  
M. Cunningham  
T. Bergman, RES/DET/MEB  
A. D. Lee  
A. L. Hiser  
D. A. Jackson  
T. Mintz  
J. Muscara  
M. Mayfield, NRR/DE  
W. Bateman, NRR/DE/EMCB  
E. Sullivan  
J. Collins  
G. Cheruvenki  
M. Mitchell  
K. Wichman  
W. Koo

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cc: See list

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OFFICE	RES/DET/MEB	RES/DET/MEB	RES/DET/MEB
NAME	M. Srinivasan	W. H. Cullen, Jr. (ADL for)	A. Lee
DATE	4/14/2005	4/14/2005	4 /14/2005

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**Preliminary Agenda for Meeting on  
Crack Growth Rates in Nickel-Base Alloys - Program Kick-off Meeting  
May 3, 2005  
8:30 a.m. - 3:00 p.m.**

Introductions	M. Srinivasan, NRC
Review of Test System Status	M. Tolockzo, PNNL
Review of Test Plans	S. Bruemmer, PNNL
Opportunity for public questions or comments	EPRI/NRC/Public

**Directions to Pacific Northwest National Laboratory:**

From the [Tri-Cities Airport \(PSC\) in Pasco, WA](#): Exit south from the airport parking area until you reach Interstate 182, then travel west towards Richland. Take the George Washington Way exit (Exit 5B). Continue north on George Washington Way for several miles, then turn left onto Battelle Boulevard, and right on Q Avenue. EMSL is the large brick building located at the end of Q Avenue. The street address is 3335 Q Ave.